



InnoEnergy Skills Institute

Delivering for Greater Impact



We are transforming skills for a sustainable tomorrow

Our purpose is to shape the global workforce through innovative skilling solutions and talent pools required to accelerate the transition to sustainable economy.

InnoEnergy Skills Institute's agility and expertise transforms today's skills into those needed for a sustainable tomorrow.



InnoEnergy Skills Institute Services



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Community Engagement



Why? To accelerate the energy transition and meet our European Commission mandate, we educate the public and related industries about the battery sector. By boosting awareness and understanding, we drive greater acceptance and faster adoption of battery technologies and products.

What? Engaging community and youth initiatives, training programs for trainers, and essential battery safety education.

How? Interactive Minecraft-based learning games, impactful workshops and campaigns for social engagement, tailored training materials for teachers, content designed for banking and public administration, and a specialized safety course for firefighters available on a new Learning Management System (LMS).

Energy for kids

Game based learning to
teach children about energy



Using Minecraft in a school environment?

That's what the Lumen project is all about! [Lumen is a module for Minecraft](#) that offers a fun and exciting way to teach youngsters about some of the fundamental concepts of energy with a focus on electricity. It does this by letting them play a modification of the popular computer game Minecraft. In this modification, electrical components are implemented, which allow the player to experiment in a fun and safe environment.

[Go if you want to find out more about how electricity works or if you just want to build something](#)

[Lumen: Power Challenge in Minecraft Marketplace | Minecraft](#)

[InnoEnergy - Energy for kids](#)

InnoEnergy Skills Institute Services Job Roles Catalogue



Why? We deliver targeted learning experiences to boost employee performance, enhance productivity, and close skill gaps more effectively, ensuring employees have the skills needed to excel and drive organizational success.

What? We provide 100% content coverage for 25 critical job roles, ensuring key employees are fully equipped, and 60% coverage for 120 additional roles to meet broader workforce demands.

How? Using skills intelligence, we identify gaps and curate tailored content via a dynamic marketplace, supported by a new LMS and face-to-face training. Certification programs for all job roles ensure employees are not only qualified but also aligned with the latest industry standards.

List of 25 Job Roles in the Battery Value Chain (available on the shelf)

- Battery Materials Scientist
- Cathode Material Specialist
- Anode Material Engineer
- Electrolyte Chemist
- Battery Cell Design Engineer
- Battery Pack Engineer
- Solid-State Battery Researcher
- Battery Testing Technician
- Process Development Engineer
- Electrode Coating Specialist
- Battery Recycling Expert
- Battery Safety Engineer
- Battery Management System (BMS) Developer
- Thermal Management Specialist
- Energy Storage Systems (ESS) Engineer
- Lithium Extraction Engineer
- Supply Chain Manager for Battery Components
- Quality Control Analyst
- Battery Data Scientist
- Battery Application Engineer
- Battery Production Manager
- Gigafactory Operations Manager
- Battery Regulatory Compliance Specialist
- Battery Life Cycle Analyst
- Battery Packaging Engineer

Process Technician

Example of a learning journey with our current content



Battery storage basics



Materials to electrodes



Electrodes to cells



Battery testing



Battery management systems



Battery technician

Note: Certificate of completion is awarded after completion of each step in the journey

Battery Management System Engineer

Example of a learning journey with our current content



Battery storage basics



Introduction to solid-state batteries



Battery storage applications



Battery management systems



Battery testing



Battery storage systems

Note: Certificate of completion is awarded after completion of each step in the journey



InnoEnergy Skills Institute Customized Services



Why? Our demand-driven, bespoke approach delivers large-scale, customized learning experiences tailored to the unique needs of each organization.

What? We offer a comprehensive blend of consultancy and off-the-shelf services, providing organizations with both expert guidance and ready-made solutions to address diverse learning and development needs.

How? Our on-site consulting teams, supported by partnerships with leading organizations like ManpowerGroup, NIIT, TUV SUD, and ECQA, deliver tailored solutions that integrate industry best practices with hands-on expertise to drive results.

InnoEnergy Skills Institute Services

Talent Pipeline as a Service (TPaaS)



Why? We address the challenges of opening a gigafactory without overburdening the workforce by offering a hassle-free solution that provides qualified human capital, significantly reducing time-to-hire.

What? A 5-stage program designed to secure the necessary talent efficiently and effectively.

How? The next slides will provide a detailed explanation of the model and outline each stage in the process.

The Road to Opening Day

Plan

Plan focuses on creating a solid foundation. It includes staffing plans, location analysis, recruitment channels, and job role structures to ensure the right talent is sourced effectively.



Vet & Prehire

Vetting candidates includes Resume Screening, Pre-Screening Calls, skill and personality Assessments, and issuing Contingent Offers contingent on the completion of necessary training or certifications.



Hire & Onboard

This stage covers extending Formal Job Offers, negotiating the Contract terms, providing Non-Proprietary Onboarding programs, and maintaining Continuous Engagement with new hires to ensure a smooth transition and lasting commitment.



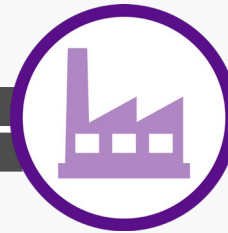
Source

Attracting talent involves Job Posting, targeted Recruitment Marketing, partnerships with Academic Institutions, networking at Industry Events, and leveraging Social Media Recruiting to reach a wider audience.



Train & Certify

This stage focuses on closing skill gaps through Skills Profiling, designing a personalized Learning Journey, offering Courses (online or hands-on), and achieving Certification to ensure candidates are fully prepared for the role.



Opening Day



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